

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [6056] 40-9er Boards  
Message-ID: <31538FF4.5189@telis.org>

Fred at Far Circuits has shipped the 49er boards and he shipped them second day air via UPS (yes they did it again). The boards were shipped Weds. morning, and did not arrive in Dos Palos today. So, they will probably arrive Monday, which means I lose the whole weekend of time to get them ready to ship. I have the kits all packed, all I have to do is drop in the boards and they will be on their way. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [6055] 49er (40-9er) Mods  
Message-ID: <31538E28.3450@telis.org>

Guys, please email me direct any mods for the 40-9er that you come up with. Plus, I must publicly apologize to Wayne. I am the one who first used the spelling 49er, and I must say that it is easier to type. It was done subconsciously I guess, as I only live 150 miles from Candlestick or 3-Com or whatever they call the place where the 49ers play. Anyway, I would like to print the mods that you guys come up with in the June issue of QRPP. It makes it a lot easier if you will send me email direct with your mods. The success stories are also great to read. Keep em coming. 72, Doug

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [6071] Envirotronic Paddle Review de K5FO  
Message-ID: <199603240303.DAA19266@chuck.dallas.sgi.com>

Gang,

An update on what's been happening with the paddles and their comparisons.

Last Friday I got home from the office and I got

three packages from UPS. Sorry Doug they weren't the issues of QRPP. :-)

One contained the new Envirotronic paddle. So here is the review of same. I'll do the others one by one and then do the table, otherwise this will take forever. Actually as more people get more free time they will have time to manufacture this critters at home with the proper equipment and we'll have more to chose from. There's plenty now.

I guess the paddle or keyboard is one of the most important items on a CW ops desk. It's like driving a car. They all pretty much get you there but we all have one that stands out for our own personal use. Any startup of a discussion on this topic is like starting a discussion on just about anything else in this world. Everyone has their own feelings and I believe it is very important for me to listen and respect that and allow for the other persons feelings. I can't change their's and I may change how I feel about a certain paddle or keyer as I gain experience and get older. So I'm doing measurements as best I can, you can't argue with those, but feelings are another matter so bear with me on this. I'll try to do my best to be neutral and leave the subjective stuff out.

The Envirotronic Inc. paddle came up first in a posting by Ori AC6AN on 960307 in a posting from him. He had seen one at a meeting/breakfast and posting the raves given by the owner. We've all heard it before and I thought that I would give one a try. I told Ori that I'd buy him a pizza the next time I come to Mt View area and will do so 'cuz he did give us good information. See below.

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-----cut here-----  
<<<<<<<SNAP>>>>>>>>>>>>>>>>>>
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## K5F0 Paddle Review

MANUFACTURER: Envirotronic Inc.  
ADDRESS: 526 Silver Lake Road  
St. Paul, MN 55112  
OWNER: Gene Thoma, NOLSS  
PHONE: (612) 633-8551

MODEL NUMBER: 501

PRICE: \$48.95 + \$5.50 S&H

WEIGHT: 26.3oz (746 gms)

DIMENSIONS OF BASE:

9.0cm x 6.4cm x 1.6cm (LxWxH)

3 9/16" x 2 1/2" x 5/8" (LxWxH)

HEIGHT OF BASE ABOVE TABLE:

0.5cm

5/32" (guessing here gang)

supported by three self-adhesive  
rubber feet

MATERIALS:

Steel base 7.1cm long coated  
with gray paint (I call it Collins  
gray) attached to a "high-tech"  
machinable black dull-gloss plastic.  
The plastic component is attached  
via countersunk allen head screws  
(two in number) from the end.

The plastic part is 1.9cm long and is  
2.0cm high to hold the three other parts  
above the steel plate. These are the  
three support arms made of polished brass.

Three 0.95cm square brass bars attached  
to the black plastic, flush with the end  
and used to hold the two adjustment screws  
for dits and dahs. The center is used for  
ground. The two outside lengths are 3.4 cm  
and the inside part is 5.4cm in length.  
Center to center this are separated 2.5cm  
on each side of the center bar. The three  
bars are mounted from the bottom with  
counter sunk allen head screws with the  
threads coming up through the bars and  
hold three knurled knobs (remind me of  
the ones on top of an old 1.5V Eveready  
battery used in the old model airplane days).

ADJUSTMENTS, TOLERANCES, and LOCKING MECHANISM:

The two outside brass bars hold two silver  
plated screws that are the contacts to  
two silver plated pads mounted on moveable  
Aluminum arms attached to the two pivotable  
paddles made of the same material as the  
high-tech end. The two brass bars are  
are split (not down the middle, but to one  
side of center) to provide a very neat way

to maintain tension on the screws without an additional adjusting mechanism. This holds the screw in the position that you set it in. There is no movement after you remove the straight bladed screwdriver used to adjust the distance between the screw and the contact pad.

#### PADDLES SEPARATION:

2.0cm from outside to outside of the two paddles.  
Not adjustable.

The paddles extend over the edge of the base 3.0cm and are about 3.5cm from the top to the table and the bottom of the paddle is 1.0cm from the table. Beautifully machined. It's 4.5cm from the end of the paddle (user side) to the pivot point. The are about 0.8cm thick. Aluminum pieces are mounted to each that are 6.4cm long and overlap the paddle 2.5cm. Held with two straight screws.

The pivots are bronze sleeve bearings that ride on hardened tool steel journals (Gene's words). Lubricated at time of manufacture and shouldn't require any attention by owner.

#### TENSION MECHANISM:

A single spring between the two paddles adjusted by an allen head screw. The allen wrench is provided and is held in the black plastic part of the base with a hole and slot to keep it inside the dimensions of the base except for about 0.2cm out the back to pull the wrench out if needed. Very ingenious and I haven't seen it anywhere else. I have no idea how he got the tension inside the whole. Most likely a trade secret. I love the adjustment levels from very very light whereby an ant could move the paddles to a heavy tension for those that have to be able to "slam" it around a bit. I think that a "slammer" will never be able to go above 25 wpm just from the Physics of everything. It's all in the touch. IMHO.

#### CABLING:

Wires attach to the three binding posts at the top of the three brass bars. This is cosmetically the only thing that I don't like. IMHO. I like to have the wires hidden in the base, but it is functional and

it's fast to remove the cable and store the paddle or pack it.

#### TERMINAL POSTS:

Three binding posts 1.0cm from the back end of the three brass bars on top.

#### QUALITY OF WORKMANSHIP:

Superb. Obviously done by a craftsman and with attention to detail and functionality.

There is no vertical play in the paddles, just like the Kent. There is vertical play in the Brass Racer and the Kent.

#### PADDLE INFORMATION:

Low profile with just under 4.0cm from table to top of binding posts.

Has the feel of the Kent and about the same clicking sound, so those of you who just love the Kent here is you a cheap second paddle for travel. They both have the same outside spacing on the paddles, but the Kent is higher but same extension from the base edge.

#### PERSONAL OBSERVATIONS:

With the black and gray combination it looks like a military manufactured item, but not objectionable.

Phyllis ranked in the same order cosmetically the Brass Racer #1, Kent #2 and the Environtronic a tie for #2. I agree.

For a work of beauty the Mark (I'll review later) at \$150 but you can't go wrong with the price of this puppy. Tell Gene that Chuck sent you. I don't get anything. I paid for the paddle myself so this review is for your info. Let me know what you think if you get one.

This one I'll carry with me on trips once I make up a carrying case. It will take travel well and not get out of adjustment easily.

Picture to ftp site as soon as the sun comes back out here.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Grover Cleveland <wylde@nccn.net>  
Subject: [6072] flexible, light, small wire  
Message-ID: <3154C0CB.227D@nccn.net>

(I'm certain that this has been discussed before but I missed it.)

I am looking for a source of lightweight, nearly invisible, flexible antenna wire for covert hotel operating. How is the "flex weave" wire? Any other suggestions? Ideally 33 ft. of this wire could be coiled up and fit into an Altoids box.

regards,

Grover WT6P

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [6051] Frequency Marker  
Message-ID: <199603231647.QAA18640@chuck.dallas.sgi.com>

Gang,

For frequency markers there are two options that I know about.

The classic one that is in every ARRL Handbook since 1987.  
The circuit board is available from FAR Circuits for \$3.00  
and some postage. See the catalog at

[ftp.lehigh.edu:/pub/listserv/qrp-1/catalogs/farlist.txt](ftp://ftp.lehigh.edu/pub/listserv/qrp-1/catalogs/farlist.txt)

I have one and would not part with it.

There is the other freq marker that was posted on this group some time back using a Motorola MC14060 IC and a 5.120MHz crystal. I have the parts but haven't wired it up yet, so can't say how it works. Maybe

this next week. :-) What would make a good club project to go with the NorCal St Louis Tuner, and other stuff is a PC board for this puppy. I would love to have a board and there are many of us that just don't have the equipment and setups to do this right. Also remember that NorCal did the Curtis Keyer chip on a board (without the anti-burp) and have the board and chip for \$17 last I heard.

While on the subject of projects. There was some discussion on how small you can get a SWR meter circuit.

I think you guys are missing the boat. I use a Palomar Tuner PT-340 a lot. Puppy costs around a \$100 and it works well. I have compared using it with the OHR WM-1 wattmeter on a MFJ-941C tuner on the K5FO unbalanced pseudo-long wire/pseudo-window/pseudo-everything. Using it to minimize the SWR on 40M and 30M or 20M whenever I get up there I get the same exact settings on the MFJ. The Palomar tuner-tuner is the old noise bridge circuit from old ARRL handbooks with an added amp stage. There are two advantages to using a noise bridge for this: a) you don't have to put RF into the airwaves and b) you don't have to subject your 2SC799's or whatever to a possible high SWR and the resulting trouble that can cause.

I think that the circuit on page 26.34 in the 1996 ARRL Handbook modified with just a 50 ohm resistor (1/4W is all you need) for R1 and eliminate the C1 variable and use a MC1350 for the LM703 would make a very simple and very compact aid for tuning in the field. Simple switch to put inline and take out and while you are at it disable the transmitter key for safety. :-) You don't want to transmit with this inline although the noise level in the receiver would probably be an excellent reminder.

FYI

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: RhyneK@aol.com  
Subject: [6060] FS: Oak Hills Research Kits  
Message-ID: <960323135946\_453060553@mail06>

The following Kits are closeouts. I have for sale 2 OHR Explorer I 80mtr kits at \$89.95. Original list was \$129.95 and 2 OHR Sprint model kits at \$65.00. Original list of \$89.95. These are all brand new ready to assemble kits. Reply here via e-mail at AOL.

Rhyne

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: PaulKB8N@aol.com  
Subject: [6058] Fwd: Collector Quality Argonaut 509 For Sale  
Message-ID: <960323071358\_175576133@emout09.mail.aol.com>

Argonaut 509 is sold, thanks to all who responded! Paul

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Forwarded message:

From: PaulKB8N@aol.com  
Sender: owner-qrp-1@Lehigh.EDU  
Reply-to: PaulKB8N@aol.com  
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)  
From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: scott.thomas@circellar.com  
Subject: [6063] How to Stop Loud Crack  
Message-ID: <9603231700.0NW8000@circellar.com>

I have an RS audio amp connected to the output of an audio filter, and there's a painful loud, sharp, crack noise when it's switched in (even when the volume is all the way down and no audio gets thru). I activate the amp by using a DPDT which does 3 things:

- provides power to the amp,
- disconnects the filter output from the audio out jack,
- connects the amp output to the audio out jack (the filter out is always connected to the amp input).

Any ideas would be very much appreciated.

Scott.



From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: NONE <wynnt@utkux.utcc.utk.edu>  
Subject: [6070] KC-1 Panel for NC40A  
Message-ID: <Pine.SOL.3.91.960323213533.27366A@utkux4.utcc.utk.edu>

I have lost the information on this offering.  
Would someone please repost the message. It  
referred to a replacement front panel for the  
NC40A that included knockouts and silkscreen  
for the KC-1 controls. Thanks in advance.

wynnt

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: bhopkins@polarnet.com (Bruce Hopkins)  
Subject: [6046] KL7JAF/QRP... No Go...  
Message-ID: <v01530500ad7959fb0a8a@[204.119.24.143]>

Hi Gang,

Had a few ask if I would make it for the AK QSL party... Sorry to say  
I can't... Put in a 14hr day today and have the same scheduled for Saturday  
and then ground school all day Sunday... This Alaskan flying is a real  
glamour job... I have however put in my request for the QRP to the field  
weekend off... See you then if not before...

72/73/oo's - Bruce \* KL7JAF

QRP-L #380      QRP-ARCI #9061      G-QRP #9181  
Norcal #????    ISSB #14548  
McPig #003      TFO #359  
E-Mail: bhopkins@polarnet.com  
BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM  
Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: msdooley@rdxsunhost.aud.alcatel.com (Michael S. Dooley)  
Subject: [6053] limerick  
Message-ID: <9603231738.AA08436@collie.aud.alcatel.com>

Sorry, but being Irish I just couldn't let this go by.

While Paul and Joe make a rhyme,  
for which I wouldn't pay even one thin dime,  
'Tis more fun to call,  
CQ QRP to all,  
than write silly limericks on line!

(whew)  
Mike KE4PC

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: "TimCook" <timcook@erinet.com>  
Subject: [6057] Matchbox  
Message-ID: <199603231837.NAA08001@in-mail.erinet.com>

Thanks to all who responded to my question about my 250 Matchbox. I finally found the manual also. Someone mentioned the number of screws to remove, yes there were a few!!!! Thanks again, and it seems to work real well on my open wire, although not sure if I'll use it, the lack of switching makes it duffucult to use the zepp on AM BCB DX'ing as well. 72/73.....tim nz8j  
Tim Cook  
timcook@erinet.com

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Jerry Parker <jparker@fix.net>  
Subject: [6044] NorCal Page  
Message-ID: <199603230535.VAA18183@fletch.fix.net>

NorCal is now on-line.

<http://fix.net/jparker/norcal.html>

QRP'ers, please take the time to look at this site.

Feedback is welcome. Use the onsite email.

Thanks,

Jerry,,,WA6OWR...k

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996

From: Jerry Parker <jparker@fix.net>

Subject: [6045] NorCal Page

Message-ID: <199603230535.VAA18187@fletch.fix.net>

NorCal is on-line:

<http://www.fix.net/jparker/norcal.html>

Please take the time to look at this site.

Feedback is welcome.

Thanks,,,

Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [6073] Oops.

Message-ID: <199603240352.DAA19324@chuck.dallas.sgi.com>

I knew that I'd forget something even though I tried to remember.

For those of you who have used and still use the old Brown Brothers paddles. The Environtronic paddle will be a much lower profile replacement for same. Same sound and same feel.

I didn't realize it but 2.0cm is about the standard separation to the outside except for 1.3cm on the Brass Racer and about 1.5cm on the Bencher for the paddles. I like the narrow but do OK with the slightly wider paddles too.

OK, back to your regularly scheduled programming. I'm getting on 40M for the rest of the weekend looking for the elusive KL7. 49 down and 1 to go on 40M at 0.95W.

Now, which paddle to use?

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: "Jim Larsen" <jlarsen@alasc.com>  
Subject: [6062] QRP+  
Message-ID: <9602238276.AA827610658@mailrouter.alasc.com>

Greetings from Alaska.

My QRP+ is for sale for \$490.00. I will pay shipping in the US. This rig is in mint condition and has the cw and last-mode eeprom upgrades.

I also have an MFJ 9020 (the 20 meter cw version) that I will sell for \$95. I pay shipping in the US.

I also have a Kenwood TS520S for sale for \$250. Buyer pays shipping.

Respond to larsennc@alaska.net or jlarsen@alasc.com

73,

Jim Larsen

AL7FS  
Anchorage

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [6054] QRPP is Late  
Message-ID: <31538F28.2B85@telis.org>

Guys QRPP is going to be late. The fault is with UPS, as the printer shipped me 9 boxes 9 days ago. So far, I have received 6 of them, about 900 and these have been addressed, put in the plastic bag, and are ready to mail. But, I have to have the rest of them to do the mailing. I was sure that the missing 3 boxes would show up today (Friday) but no go. So, it will be Tuesday at the earliest before I can get QRPP in the mail, providing that it arrives on Monday.

Please be patient, and you are doing well. I did everything in my power to get it out on time. Copy was sent to the printer on the 1st of Feb, and he got it out in a timely manner, but UPS sure didn't. Just letting you know what is going on.

72,Doug

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Thom <thom@li.net>  
Subject: [6059] St. Louis Tuner  
Message-ID: <Pine.SUN.3.91.960323133952.29847A-100000@linet01>

First of all I'd like to say thanks to the guys at NorCal who volunteer their time and energies to make this hobby that much more enjoyable.

With that said, I was wondering if anyone has heard anything on the status of the St. Luis Tuner...last i heard they waiting on a new variable cap...anything new.

tnx  
de Tom  
WB2QDG  
thom@li.net

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: GREGOIRE@endor.com (ERNEST GREGOIRE)  
Subject: [6052] TUNER/NO-LOSS/this is good  
Message-ID: <199603231707.MAA34635@nss2.CC.Lehigh.EDU>

Hello Gang, I have been following this Tuner/heat loss thread with mild interest here lately. There is a guy in my radio club that is overly concerned with balun loss at QRP levels. He is worrying himself needlessly, but no amount of antenna book talk has swayed him from his treasured belief.

A great source of knowledge can be found in the Aerials column in Worldradio magazine. Kurt N. Sterba, his nom de plume, tells us to use a tuner and go forth and propagate. He has worked the Sweep Stakes contest using a step ladder for an antenna, with radials and using a big MFJ tuner to get the SWR right, and running stations one right after another.

The 15th edition of the ARRL Antenna Book, says this on page 25-2, "The reflection GAIN of a transmatch also creates a conjugate match at the load, and thus enables the load to absorb the MAXIMUM available power delivered by the generator".

What I have learned:

1. Standing waves are good, especially with a good ratio match. ex. 1.5:1
2. Tuners make it possible to use various types of antennas.
3. Some antennas are better than others, taking design frequency into consideration.
4. If the tuner makes it possible for the load to absorb the maximum power available, then other factors, (height above the ground, radial, etc) are responsible for one antenna bettering another.
5. Although some losses do occur, they are undetectable to the ear.
6. I am better off reducing line loss, (rg 58 has 2.7 db loss/100ft. at 30MHz, 9913 has .7 db loss/100ft. @30 MHz)  
A loss of 3 db. is a reduction of 1/2 the power, a .7 db loss is undetectable by ear.
7. Height above the ground is important.

Another good source is Building and Using Baluns and Ununs by Jerry Sevick, W2FMI, available from CQ Communications.

He points out, "By far, most misconceptions regarding baluns are due to the many radio amateurs who perceive these devices as conventional

transformers that transmit the energy from input to output by flux linkages and not as transmission line transformers, which transmit energy by efficient transmission line mode".

He goes on to say, "In fact the perception that the transmission line transformer is actually a conventional transformer is so prevalent, that a new name for this class of devices should be considered-BROADBAND TRANSMISSION LINE MATCHING NETWORK".

I read an article where a ham loaded up a Greyhound bus, (standing still), working against a down spout for ground, and made a contact, QRP of course.

Greyhound busses on the ground won't beat a 7 element yagi 70 feet up, but it does say something about obsessing over tiny losses.

73 all

de AA1IK                    N.E.-QRP-C. # 202    ( Lead by example, It is better to    )  
                              QRP-L member #95.    ( pull a string than it is to push it.)

Ernie Gregoire  
RR 1 Box 221  
Canaan, NH. 03741

New England QRP Club, information  
available on request by sending me a  
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM  
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Cosmo224@aol.com  
Subject: [6047] Variometers  
Message-ID: <960322212313\_359236926@emout08.mail.aol.com>

Greetings all

Some good info on variometers/goniometers can be found in the Low and Medium Frequency Scrapbook by Ken Cornell. Also, good info is sometimes seen in the Lowdown put out by the Long Wave Club of America. (This is where Litz wire is king - re some earlier postings) There is a company in Chicago that custom makes Litz wire but the minimum is a 10lb spool - you can wind some nice big loading coils for

your lowfer rig with that much wire. My only variometer is in a BC375 tuner which will probably become my VLF transmitter loading coil. VLF is quite fun and is a nice break from working on giggly-hertz thingies where the FET leads can be a source of inductance!

72/73 de AA9IL  
Mike Kana

For real QRP, try MICROWAVES!

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: wdzeares@ix.netcom.com (W. Dennis Zeares )  
Subject: [6064] WTB: Argo calibrator, filter etc..  
Message-ID: <199603232245.0AA14547@ix16.ix.netcom.com>

I found a very nice Argo in good condition and I would like to buy a crystal calibrator and the cw filter if anyone has one to sell...  
Thanks, 72/73 Dennis K3ETS Dallas

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [6061] Re: Calibrator/external marker source for Argonaut  
Message-ID: <2.2.32.19960323193218.00b2e878@seism1.ess.sunysb.edu>

At 03:18 PM 3/22/96 -0800, W. Dennis Zeares wrote:  
>I need a crystal calibrator or some type

There is one described in the current issue of 73 (March 96).

Another simple schematic was proposed on this list, look in the archive 950720.

Bernard, KB2TGH.

-----

Bernard Seront, seront@seism1.ess.sunysb.edu  
<http://rock.ess.sunysb.edu:8080/>

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Dick G0BPS <Dick@dick.demon.co.uk>  
Subject: [6049] Re: CANARY ISLANDS/ EA7-LAND/ TRIP UPDATE



Message-ID: <L6H91FAr7HUxEw06@Dick>

In message <9602208273.AA827367926@ccmail.gsfc.nasa.gov>,  
Rich\_Stern\_at\_WFF-E105@ccmail.gsfc.nasa.gov writes

>  
>     FINALLY ... got paper work from ARRL for SPAIN. Everyone who has  
>     contacted me have been most informative. K8CH@ARRL.ORG was more than  
>     cooperative in getting the proper forms to my site.  
>  
>     One thing that slowed me up was the \$100.00 fee for the reciprocal  
>     license. Wow!... But, you'll be glad to know I swung that too!  
>  
>     The Moral Activities Committee here at Wallops Island has allocated  
>     the money to our fledging Wallops Island (NASA) Amateur Radio Club  
>     (KE3ND). Now, in the next couple days I have to get the paperwork  
>     expedited. If anyone out there can help with that I'd appreciate it.  
>  
>     Thanks again!... I'll keep posting progress on this ... I hope it  
>     flys.  
>  
>     GEAR AT THE MOMENT:  
>                   ICOM 735 \*\*\* ICOM LINEAR \*\*\* CUSHCRAFT R7

LINEAR ???

de NW3N

Dick G0BPS / G0R00  
Kanga Products  
<http://ukinternet.com/ham/kanga>

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Dick G0BPS <Dick@dick.demon.co.uk>  
Subject: [6048] Re: Dayton Hamfest  
Message-ID: <cz2YnJAuvdUxEwtj@Dick>

In message <960321183721\_174074216@emout07.mail.aol.com>,  
TGordish@aol.com writes

>I am planning on buying my first serious QRP kit at this years hamfest in  
>Dayton. I've got a Pixie which I built, but haven't had any contacts on it  
>yet. (low, low power, and poor receiver)  
>

>What kind of selection is usually available at this big fest? Kanga?

Yes !! we will be there, loads of good quality kits on the G-QRP BOOTH,  
Next to the ARCI etc....

TTFN ....

Dick G0BPS / G0R00  
Kanga Products  
<http://ukinternet.com/ham/kanga>

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [6068] Re: Frequency Marker  
Message-ID: <199603240021.AAA19062@chuck.dallas.sgi.com>

Harvey et.al.,

I got the 5.120MHz crystal at Tanner Electronics here in  
Dallas for \$1.49, his usual price (same for color burst  
etc.) He does not do mail order as if you call him and  
they will take your order but the handling charges etc.  
will eat your lunch, i.e. cost more than the order.

He had a bunch of 7.000MHz crystals, but they went somewhere  
to someone unknown and no it was not me. :-)

This is where Dayton will pay off by going. You should be  
able to find anything there.

It is nice to live someplace where there is a surplus  
electronics outlet. But it's like going into Half-Priced  
Books and a box of chocolates, you never know what you're  
going to get.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Larry East <LVE1@inel.gov>  
Subject: [6066] RE: Keyers in NorCal rigs  
Message-ID: <2.2.16.19960323234848.220773ec@134.20.32.17>

>  
>You other folks that have installed a keyer in rigs like the Sierra --  
>what did you do?  
>

I built a keyer into my NorCal 40a on a 1.5 x 0.75 in. "perfboard" using a chip available from Radio Adventures Corp (RAC). This chip is cheaper than the Curtis chip, has more features, and requires fewer external parts (does require an LM78L05 tho if a +V of 3 to 6V is not available). RAC has a PC board available (and a complete keyer in a box), but it is a bit large as in includes a holder for a 3V Li battery. For info, send email to rac@usa.net.

I have no connection with RAC, just passing along info on a useful product.

72/73, Larry W1HUE

From owner-qrp-l@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: prvalko <prvalko@oakland.edu>  
Subject: [6069] Re: limerick  
Message-ID: <Pine.OSF.3.91.960323194049.7088B-100000@vela.acs.oakland.edu>

On Sat, 23 Mar 1996, Michael S. Dooley wrote:

> While Paul and Joe make a rhyme,  
> for which I wouldn't pay even one thin dime,  
> 'Tis more fun to call,  
> CQ QRP to all,  
> than write silly limericks on line!

Mike's cadence could drive me to foam,  
try reading line two of him tome!  
Now everyone knows,  
leave the humor to pros,  
and kids, please don't try this at home.

73! =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: NYOUNG@nova.wright.edu

Subject: [6065] Re: QRPP is Late (!?)(\*@#^!!!)  
Message-ID: <01I20RNDW00M8WW057@nova.wright.edu>

Damn! Do you mean to tell me, Doug, that we can't start a thread of yammering and whining about not getting the most recent QRPP -- the one with the 49er or 40-9er or whatever it is, Altoid box and all -- before someone in Banks-on-the-Squid-that-Ate-Your-Porrige? What the heck is this world coming to? I was all set to jump on here just this very moment and start whining! Man! Some people just have all the nerve, depriving a bunch of us from whining and listening to everyone else agree that the USPS was pokey-slow (or as Dad used to say "slower than molasses in a Kansas blizzard")!

And while I've got yer attention out there, QRP-Loonies, check this out:

A couple days ago a box appeared on the front porch. Cindy had been waiting for this box to appear for months. Maybe two. She called the company and was informed that they had been "over promoted." I'd guess so, since you can't hardly turn on the TV without seeing some lithe young woman (usually a Denise Austin/Cheryl Teigs look-alike) pumping up on one of these deals. SO there was the box. And there was the mail -- WITHOUT MY LONG OVERDUE, MUCH AWAITED, DROOLED AND SLOBBERED OVER \_QRPP\_ (!) -- and there I was draggin the sucker into the house.

So now I can sit and watch WWF wrestling and pump up my muscles so I don't look like a girly-man when da Hamvention comes to my town. No. Now I will be able to have massive thighs and a tight stomach choost like da massive pumped-up manly man. And Cindy will be dere too. Ah'll be bahck.

Only problem is, the machine makes my elbow joints hurt. I'd like it a lot better if I didn't get tennis elbow from all this cardiac activity. But then, if that's the only joints I get any more, I'm ok.

So where's my QRPP?!!! Huh? You got an answer for that? Huh? Huh? And what about the new Scientology web page? (Don't get me started!!!!!!!!!!!!!!)

73

Nils  
WB8IJN +c

(Ok, I'll admit it: there is a better argument thread going. If you sub to AltaiNet, you can watch people on three continents badger each other about linguistic typology, research methods, the scientific method versus the linguistics version of the scientific method, computers in data collection and whether or not baby-talk names for family members can be borrowed or something. And a free book. It's something else. So where's my QRPp? Huh?)

From owner-qrp-l@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: dedinger@ix.netcom.com (Dennis Edinger)  
Subject: [6067] RE: Small Keyer for QRP rig (Whiterook MK-88)  
Message-ID: <199603240008.QAA27438@dfw-ix8.ix.netcom.com>

Joe,

I may have a better answer to your question. I just purchased a Whiterook Products (805-339-0702) Model MK-88 keyer last week (it just came). It is small (about 2 1/2 by 1 1/2 by 1), uses the Curtis 8044ABM and has a keyer to boot). It only needs two tiny batteries and connector cable (I used shielded to control for RF) and you are on the air with \_any\_ rig. This little gem is designed to be compact for the qrp-er, with a single speed control, and only weighs a couple of ounces. It is iambic (A & B) and easy to use. I'll post a further report on it as I have more time to evaluate it. I paid \$59.95 for mine (with a single digit serial #). I have no financial interest in Whiterook, but do have a vested interest in quality workmanship.

de Dennis  
NT0L QRP-L #482 CQC #202

I want to put built-in keyer in my Sierra. Due to limited space, I would like to use the smallest board available, and would like one with minimum controls (i.e., just a speed control) so I don't have to mount a lot of stuff in the case. A keyer based on the Curtis 8044ABM chip should do everything I need.

Are there commercially available PC boards based on this chip (or keyer kits) that don't have these features and have smaller dimensions?

You other folks that have installed a keyer in rigs like the Sierra -- what did you do?

Thanks in advance,  
joe WA4GIR jhw@rti.org

From owner-qrp-l@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [6074] RE: Small Keyer for QRP rig (Whiterook MK-88)  
Message-ID: <2.2.32.19960323035603.00742560@public.compuserve.nf.ca>

Hi Dennis,

A while back here Dave WB0GAZ and Mike NQ7K on the QRP-L list here came up with a "shoe-horn" fit of a 8044ABM into the base of the Whiterook MK-44 keyer. Tell us more about the MK-88. Is it the same key as the MK-44, or better? Did they make the base larger to fit a 88044ABM inside. Does the battery go inside?

All these questions - hi. How did you find out about the new keyer - it seems that Whiterook hasn't advertized the keyer lately in Nuts and Volts.

So now you got us all going - hi. Thanks for the report.

73/72 Bob V01DRB/WA6ERB

At 16:08 3/23/96 -0800, you wrote:

>Joe,

>

>I may have a better answer to your question. I just purchased a  
>Whiterook Products (805-339-0702) Model MK-88 keyer last week (it just  
>came). It is small (about 2 1/2 by 1 1/2 by 1), uses the Curtis  
>8044ABM and has a keyer to boot). It only needs two tiny batteries and  
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>air with \_any\_ rig. This little gem is designed to be compact for the  
>qrp-er, with a single speed control, and only weighs a couple of  
>ounces. It is iambic (A & B) and easy to use. I'll post a further  
>report on it as I have more time to evaluate it. I paid \$59.95 for  
>mine (with a single digit serial #). I have no financial interest in  
>Whiterook, but do have a vested interest in quality workmanship.

>

>de Dennis

>NT0L            QRP-L #482        CQC #202

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet:        rgobrick@nfld.com
bgobrick@nlnet.nf.ca
Compuserve:     70466.1405@compuserve.com

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: Johnson\_Dan@aac.com  
Subject: [6043] Re: tuners  
Message-ID: <9603230727.19765.aa@SMROUTER.AAC.COM>

On Fri, 22 Mar 1996 at 11:18, Ed/N5EM <N5EM@aol.com> wrote:

> Tuners are great but often your settings will take a substantial part of your  
> power and dissipate it within the tuner box as losses...  
> Tuners are handy tools but, like everything else, use them wisely and try to  
> understand what is going on inside them.

Would it be worth installing a sensitive, thermistor-bearing circuit  
inside a tuner enclosure with external voltmeter jacks and using it as an  
occasional check on this? Anyone ever done this?

72 de KC4EWT  
Johnson\_Dan@aac.com

From owner-qrp-1@Lehigh.EDU Sat Mar 23 22:03:50 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [6050] Re: tuners  
Message-ID: <Pine.SOL.3.91.960323070037.17885A-100000@utkux4.utcc.utk.edu>

On Fri, 22 Mar 1996 Johnson\_Dan@aac.com wrote:

> Would it be worth installing a sensitive, thermistor-bearing circuit  
> inside a tuner enclosure with external voltmeter jacks and using it as an  
> occasional check on this? Anyone ever done this?

>

> 72 de KC4EWT

> Johnson\_Dan@aac.com

>

Dan,

The procedure in olden days was to use some kind of indicator outside the  
tuner along the parallel transmission line to ensure maximum output.  
Might be RF ammeter. Or it might be a length of transmission line taped  
to the regular line with an indicator bulb, where max tuner output = max  
bulb glow. Field strength indicators can also be used. Note the  
difference in the question asked in those times from Ed's question. He  
is concerned with how much power is left in the tuner, to circulate into

heat; while the older question was how much can we get out. Both are valid approaches to the potential problem, but call for different kinds of measurements. Although the severe problem can occur, it is somewhat rare (but not rare enough to ignore, especially after a lead-breaking storm, etc.) More common is the problem of maximizing efficiency of the tuner configuration for maximum output, say, going from 90 to 95% efficiency. Often, we can tell if the tuner is swallowing all our output power by the weakness of reception (swallowing the input power), but it is very difficult to detect by ear, S-meter, etc. the extra few percent of power we can get into the antenna by altering the tuner settings. If you have power to spare, the difference may make no difference, but efficiency is always a concern at QRP.

-73-

LB, W4RNL